

Converting Colors

$Y_{xy}(42.8123, 0.3149, 0.2958)$

Have a look what the booklet for
Yxy(42.8123, 0.3149, 0.2958)
contains.

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Color

Yxy(42.9570, 0.3152, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	C2A7C1
RGB	194, 167, 193
RGB Percent	76%, 65%, 76%
CMY	0.2391, 0.3451, 0.2432
CMYK	0.00, 0.14, 0.01, 0.24
HSL	302°, 18%, 71%
HSV	302°, 14%, 76%
XYZ	45.6971, 42.9570, 56.3240
YIQ	178.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

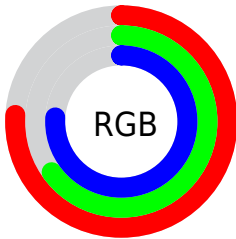
Format	Color
RYB	194, 167, 193
Decimal	12756929
CIELab	71.53, 14.43, -9.64
CIELCh	72, 17.358, 326.255
Yxy	42.9570, 0.3152, 0.2963
Android (android.graphics.Color)	4290947009 (0xFFC2A7C1)
YUV	178.0370, 7.3768, 13.9996
Hunter-Lab	65.5416, 9.7565, -5.0725

Details

The Yxy color **42.9570, 0.3152, 0.2963** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.6427, 0.3102, 0.3640**, and the grayscale version is **44.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5913, 0.3154, 0.3024**, and **19.7010, 0.3159, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **36.3416, 0.3171, 0.2723**, and if you desaturate by 10%, it is **50.6430, 0.3134, 0.3199**.

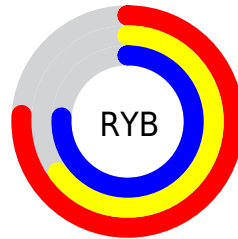
Distribution



Red (76%)

Green (65%)

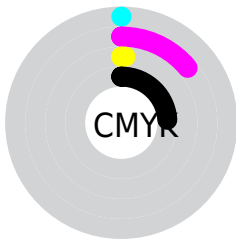
Blue (76%)



Red (76%)

Yellow (65%)

Blue (76%)

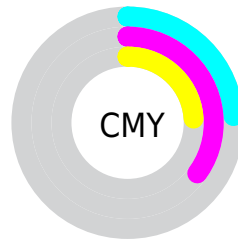


Cyan (0%)

Magenta (14%)

Yellow (1%)

Black (24%)



Cyan (24%)


Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9570, 0.3152, 0.2963 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 42.9570, 0.3152, 0.2963 by changing the saturation by 10% instead.

 42.9570, 0.3152,
0.2963


 42.9570, 0.3152,
0.2963


358.4349, 0.3141,
0.3125

 29.8514, 0.3154,
0.2923


 79.6460, 0.3148,
0.3021

 19.7258, 0.3157,
0.2872


 103.9981, 0.3147,
0.3043

 12.1959, 0.3160,
0.2805


132.8679, 0.3146,
0.3062

 6.8772, 0.3163,
0.2713

166.6397, 0.3145,
0.3078

 3.3854, 0.3166,
0.2577

205.6979, 0.3144,
0.3092

 1.3361, 0.3165,
0.2360

250.4269, 0.3143,

 0.1689, 0.3331,

0.3104

0.1097

301.2111, 0.3142,
0.3115

0.0000, 0.0000,
0.0000

42.9570, 0.3152,
0.2963

42.9570, 0.3152,
0.2963

36.3416, 0.3171,
0.2723

50.6430, 0.3134,
0.3199

30.7437, 0.3192,
0.2487

59.4383, 0.3117,
0.3427

26.1144, 0.3213,
0.2263

69.3866, 0.3102,
0.3641

22.3982, 0.3233,
0.2060

80.5277, 0.3089,
0.3841

19.5345, 0.3253,
0.1888

87.0140, 0.3080,
0.3938

■ 17.4548, 0.3272,
0.1754

■ 87.0487, 0.3076,
0.3929

■ 16.0805, 0.3288,
0.1663

■ 87.0835, 0.3072,
0.3920

■ 15.3165, 0.3302,
0.1613

■ 87.1185, 0.3068,
0.3912

■ 15.0396, 0.3309,
0.1597

■ 87.1537, 0.3064,
0.3903

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.9570, 0.2909, 0.2881



42.9570, 0.3152, 0.2963



42.9570, 0.3397, 0.3124

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.9570, 0.3152, 0.2963



42.9570, 0.3533, 0.3684



42.9570, 0.2701, 0.3225

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.9570, 0.3152, 0.2963



49.6427, 0.3102, 0.3640

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



42.9570, 0.2856, 0.3460



42.9570, 0.3152, 0.2963



42.9570, 0.3336, 0.3733

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.9570, 0.3152, 0.2963



42.9570, 0.3622, 0.3533



42.9570, 0.3087, 0.3651



42.9570, 0.2656, 0.3020

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.9570, 0.3152, 0.2963



42.9570, 0.3526, 0.3258



42.9570, 0.3087, 0.3651



42.9570, 0.2742, 0.3303

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.9589, 0.3152, 0.2963



91.5255, 0.3134, 0.3196



39.8455, 0.2914, 0.2926



19.7945, 0.3135, 0.3178



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9589, 0.3152, 0.2963



73.5939, 0.3158, 0.2883



42.3890, 0.3268, 0.3129



10.2405, 0.3144, 0.3072



9.8871, 0.3308, 0.1596



0.4293, 0.3284, 0.1583

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.9589, 0.3152, 0.2963



73.5939, 0.3158, 0.2883



50.1671, 0.3006, 0.3457



10.2405, 0.3144, 0.3072



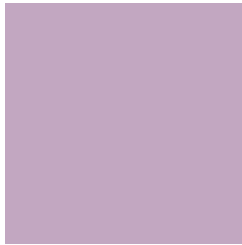
9.8871, 0.3308, 0.1596



0.4293, 0.3284, 0.1583

Previews

White Background



This preview shows how the Yxy color 42.9570, 0.3152, 0.2963 looks on a white background.

Color Contrast Check

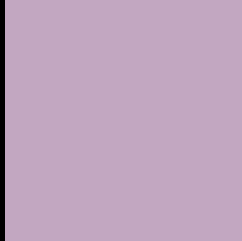
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 42.9570, 0.3152, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

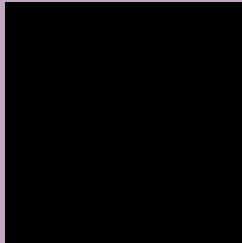
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9570, 0.3152, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 42.9570, 0.3152, 0.2963.



This preview shows how white text looks on a background with the Yxy color 42.9570, 0.3152, 0.2963.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.9570, 0.3152, 0.2963

Protanopia

43.0740, 0.2928, 0.2987

Deuteranopia

42.8695, 0.3078, 0.3006



Tritanopia

42.9598, 0.3226, 0.3123

Trichromacy



Original Color

42.9570, 0.3152, 0.2963

Protanomaly

42.8146, 0.3003, 0.2966

Deuteranomaly

42.8731, 0.3105, 0.2996

Tritanomaly

42.8879, 0.3202, 0.3061

Monochromacy



Original Color

42.9570, 0.3152, 0.2963

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8813, 0.3141, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9570, 0.3152, 0.2963 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 193) }
```

Border

The CSS property to change the border of an element to Yxy 42.9570, 0.3152, 0.2963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 167, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 167, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9570, 0.3152, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
167, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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